

	L #	Hits	Search Text	DBs	Time Stamp
1	L1	133395 1	((Metal inorganic aluminum "Al.m/c." silicon Si) near3 (oxide dioxide) SiO SiO2 Al2O3 "Al.sub.2 O.sub.3" "Al.sub.2O.sub.3" "SiO.sub.x" "SiO.sub.2" silica alumina)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:34
2	L2	129789	1 and (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:39
3	L3	1763	<i>22 not L1</i> (L1 and (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:41
4	L4	124	L1 same (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:37
5	L5	2385	(427/533-539).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:36
6	L6	0	L5 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:43
7	L7	0	L5 and L3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:36

Supplemental Search
10/723,321

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	L #	Hits	Search Text	DBs	Time Stamp
8	L8	620369	(Electric silent glow) adj (discharg\$4) plasma corona	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:37
9	L9	3588	L8 same (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:37
10	L10	2	L9 and L4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:44
11	L11	119533	L1 and (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:42
12	L12	27203	L1 same (acrylate methacrylate)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:42
13	L13	39	L5 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:43
14	L14	157	L5 and L11 not L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:44

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	L #	Hits	Search Text	DBs	Time Stamp
15	L15	655	L9 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:45
✓ 16	L16	15	L15 and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:45
✓ 17	L17	24	L13 not L16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:45



	L #	Hits	Search Text	DBs	Time Stamp
15	L15	655	L9 and L12	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 14:57
16	L16	15	L15 and L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 12:47
✓ 17	L18	1	"6013337".PN.	USPAT; USOCR	2006/05/23 13:14
✓ 18	L19	1	"5968620".PN.	USPAT; USOCR	2006/05/23 13:14
✓ 19	L20	1	"5434008".PN.	USPAT; USOCR	2006/05/23 13:16
✓ 20	L21	1	"5238746".PN.	USPAT; USOCR	2006/05/23 13:18
✓ 21	L22	1	"5158750".PN.	USPAT; USOCR	2006/05/23 13:19
✓ 22	L23	1	"5110633".PN.	USPAT; USOCR	2006/05/23 13:19
✓ 23	L24	1	"5051308".PN.	USPAT; USOCR	2006/05/23 13:25
✓ 24	L25	1	"5032461".PN.	USPAT; USOCR	2006/05/23 13:36
✓ 25	L26	1	"5019243".PN.	USPAT; USOCR	2006/05/23 13:37
✓ 26	L27	1	"4992298".PN.	USPAT; USOCR	2006/05/23 13:43
✓ 27	L28	1	"4954371".PN.	USPAT; USOCR	2006/05/23 13:43
✓ 28	L29	1	"4846101".PN.	USPAT; USOCR	2006/05/23 13:44
✓ 29	L30	1	"4809876".PN.	USPAT; USOCR	2006/05/23 13:46
✓ 30	L31	1	"4698256".PN.	USPAT; USOCR	2006/05/23 13:46
✓ 31	L32	1	"4696719".PN.	USPAT; USOCR	2006/05/23 13:47
✓ 32	L33	1	"4478874".PN.	USPAT; USOCR	2006/05/23 13:47

refs from Tropsha parts

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	L #	Hits	Search Text	DBs	Time Stamp
✓33	L34	1	"4405678".PN.	USPAT; USOCR	2006/05/23 13:49
✓34	L35	1	"4397897".PN.	USPAT; USOCR	2006/05/23 14:03
✓35	L36	1	"4200681".PN.	USPAT; USOCR	2006/05/23 14:06
✓36	L37	1	"4190681".PN.	USPAT; USOCR	2006/05/23 14:07
✓37	L38	1	"4200681".PN.	USPAT; USOCR	2006/05/23 14:07
38	L39	1	"4190681".PN.	USPAT; USOCR	2006/05/23 14:07
✓39	L40	1	"4140814".PN.	USPAT; USOCR	2006/05/23 14:08
40	L41	1	"4096315".PN.	USPAT; USOCR	2006/05/23 14:08
<i>alive</i> 41	L17	24	L13 not L16	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 14:30
42	L42	370	L9 same L12 not L13	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 14:57
43	L43	93997	((Electric silent glow) adj (discharg\$4) plasma corona) with (treat\$5 pretreat\$5 posttreat\$5)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 14:59
44	L44	213	L42 and L43	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 15:00

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	L #	Hits	Search Text	DBs	Time Stamp
45	L45	40701	(barrier with (oxide dioxide SiO SiO2 Al2O3 "Al.sub.2 O.sub.3" "Al.sub.2O.sub.3" "SiO.sub.x" "SiO.sub.2" silica alumina))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 15:02
46	L46	64114	(barrier near3 (O2 "O.sub.2" oxygen gas moisture water food packag\$5 drink))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 15:02
47	L47	32977	((packag\$5 permeat\$5 permeable permeability) with (oxide dioxide SiO SiO2 Al2O3 "Al.sub.2 O.sub.3" "Al.sub.2O.sub.3" "SiO.sub.x" "SiO.sub.2" silica alumina))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 15:02
48	✓ L48	56	L44 and (L45 or L46 or L47)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	2006/05/23 15:02

✓ L49 (157) L44 not L48